

Exhibits

10:45-11:30 a.m.

Bowlin Group

Scott Estridge, Vice President of Finance;
Kevin Kapp, Director of Operations; and
Jerry Spegal, Senior Project Manager

Samples of communication boxes used on utility poles and smart meters; demonstrations of hand-held devices used in the field by utility crews and the installation of underground wiring.

Duke Energy

Avery Adams, Manager of Smart Grid System;
and Yamur Hossain, Manager of Envision Center

A mini replica of Duke Energy's Envision Center, a dynamic experience demonstrating the potential of modernizing to smart grid and energy efficient technology.

Touchstone Energy Cooperatives: East Kentucky Power and Owen Electric

Jeff Hohman, Manager of Member Services, and
Meredith Boyd, Marketing Representative, East
Kentucky Power

Jude Canchola, Residential Services Manager,
Owen Electric

EnviroWatts, Earth Friendly Energy Alternatives -
The EnviroWatts program generates electricity
using methane gas created in six landfills across
Kentucky. Reduce your carbon footprint by
signing up today! www.envirowattsky.com

General Cable

Barry Lisner, Manager, Technical Training, and
Bethany Sarchet, Manager, Market Development

Samples of halogen-free products and
accompanying literature.

Gateway Energy Programs and Energy Careers Pathway

Dr. Yvonne Meichtry, Coordinator of Gateway to
Energy Careers Project

Information about Gateway energy programs.
Hands-on demonstration comparing electricity
use and costs of using incandescent, compact
fluorescent and LED light bulbs.

Energy Efficiency and Audit Course

Ric Bowen, Associate Professor, Gateway
Demonstration of the proper procedures to
perform a home energy audit. The Building
Performance Institute (BPI) Technical Standards
for health and safety will be followed. The
blower door, thermal imaging camera, and other
industry testing equipment will be used.

Solar/Photovoltaic Systems Course

Tom Collins, Professor, Gateway
Demonstration of solar panel, power inverters,
and grid tied system. Learn how solar photo-
voltaic (PV) systems integrate into other
systems – residential, commercial, industrial,
and electric system installations; voice, data,
and video systems; and Smart Grid systems.

Wind Energy Technologies Course

Kevin Donohoo, Associate Professor, Gateway
Demonstration of a micro wind turbine and test
equipment used to site wind machines.

The Kentucky NEED Project

Pam Proctor, Program Assistant, and Carolyn
Bergs, Regional Coordinator

Hands-on Energy Education: The NEED Project
provides activities and hands-on kits that pro-
vide educators with resources to teach about
energy and connections to real world
applications.

For more information or to register,
contact: Dr. Yvonne Meichtry, Gateway
Community and Technical College, 859-442-
4190, yvonne.meichtry@kctcs.edu

Event Location

Gateway Community and Technical College
Boone Campus
Classroom & Training Building, Room 131
500 Technology Way
Florence, KY 41042

Gateway Community and Technical College

(859) 441-4500
gateway.kctcs.edu
[Facebook.com/GatewayCTC](https://www.facebook.com/GatewayCTC)

*This event was partially funded by a grant
awarded to Gateway Community and
Technical College under the Workforce
Innovation in High Growth Job Training
Initiative as implemented by the U.S.
Department of Labor's Employment & Train-
ing Administration. The information pre-
sented was created by a grantee organiza-
tion and does not necessarily reflect the offi-
cial position of the U.S. Department of Labor.*

Gateway is an equal opportunity employer and
education institution. Gateway Community and
Technical College is accredited by the
Commission on Colleges of the Southern
Association of Colleges and Schools to award
associate degrees. Contact the Commission on
Colleges at 1866 Southern Lane, Decatur,
Georgia 30033-4097 or call 404-679-4500 for
questions about the accreditation of Gateway
Community and Technical College.

Green Energy Showcase

October 1, 2010
7:30 - 11:30 a.m.

Boone Campus
Classroom &
Training Building
Florence, Ky.



KCTCS

Network and learn

Join local energy professionals as they present and exhibit renewable energy and energy efficiency initiatives.

Learn about:

- Renewable energy potential and trends in Kentucky
- Renewable energy and energy efficiency initiatives of local energy providers
- Green energy credentials and training offered by Gateway Community and Technical College
- Leadership in Energy and Environmental Design (LEED) products
- Green energy educational resources
- Careers and career pathways in renewable energy power generation

Network with green energy professionals in your region

Who should attend

- Energy and communications industries (Installers, managers, supervisors, operators)
- Manufacturers of energy products
- College faculty, staff and students
- Secondary school guidance counselors, principals, and electrical technology/energy instructors
- Non-profits and other organizations
- The community-at-large

Agenda

October 1, 2010	
7:30 a.m.	Breakfast
7:55-8 a.m.	Welcome and Program Overview
8-8:30 a.m.	Keynote Speaker <i>Kate Shanks</i> <i>Assistant Director, Renewable Energy Division, Kentucky Energy and Environment Cabinet</i> Renewable energy resource potential in Kentucky, trends in renewable energy use, renewable energy in Northern Kentucky.

Green Energy Industry Services and Products	
8:35-8:50 a.m.	Duke Energy <i>Renewable Energy Strategy</i> <i>Andrew Ritch, Director, Renewable Energy Strategy and Compliance</i> Specific aspects of Duke Energy's renewable energy strategy within its Midwestern service territories (Kentucky, Ohio and Indiana).
8:50-9:05 a.m.	Bowlin Group, LLC <i>Using Energy Wisely: Making the Case for Smart Grid</i> <i>Blevins Bowlin, Chairman of Bowlin Group, LLC</i> Smart grid value proposition for residential and commercial customers and how future electricity demand will be managed.

9:05-9:35 a.m.	Touchstone Energy Cooperatives – East Kentucky Power and Owen Electric <i>Energy Efficiency and Renewable Energy Program</i> <i>Jeff Hohman, Manager, Member Services, East Kentucky Power</i> Energy efficiency and renewable energy programs designed to lower energy usage, save the consumer money and reduce carbon footprint.
9:35-9:50 a.m.	General Cable <i>A New Breed of Halogen-Free Category Cables</i> <i>Bethany Sarchet, Manager of Market Development</i> Introduces General Cable's feature product, "17 Free," the first in the industry to be zero halogen. Part of the LEED accreditation for Green Buildings.
9:50-10:05	Break

Gateway Community & Technical College Green Energy Programs	
10:05-10:15	Overview of Gateway's Green Energy Programs <i>Dr. Tony Clarke, Chair of Manufacturing and Trades Technologies, Gateway</i> <i>Dr. Yvonne Meichtry, Coordinator of Gateway to Energy Careers Project</i> Green energy training and credentials offered at Gateway.

10:15-10:25	Solar/Photovoltaic Systems <i>Tom Collins, Professor, Gateway</i> Gateway's Solar/Photovoltaic Systems Course: Design and installation of grid-connected photovoltaic (PV) systems; hands-on work with PV systems and equipment. Training intended for contractors, electricians, instructors, and other practitioners to develop "system-knowledgeable" professionals.
10:25-10:35	Wind Energy Technologies <i>Kevin Donohoo, Associate Professor, Gateway</i> Gateway's wind energy program: Provides students the opportunity to design, build, and place an operating wind system.
10:35-10:45	Residential Energy Efficiency and Audit <i>Ric Bowen, Associate Professor, Gateway</i> Residential Home Energy Audit course uses the "House as a System" approach. Overview of proper procedures to perform a step-by-step, comprehensive exterior and interior survey, measure heat loads, perform Combustion Appliance Zone testing (CAZ), and depressurize the structure.